

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	5	"3830698".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/31 14:53
L3	53	(US-20070185347-\$ or US-20060260981-\$).did. or (US-4229296-\$ or US- 5354482-\$ or US- 5250183-\$ or US- 5395517-\$ or US- 5988283-\$ or US- 4740270-\$ or US- 5451297-\$ or US- 3876383-\$ or US- 4032305-\$ or US- 2253486-\$ or US- 2437383-\$ or US- 2631089-\$ or US- 3540999-\$ or US- 3544448-\$ or US- 3647681-\$ or US- 6783660-\$ or US- 6787026-\$ or US- 5651897-\$ or US- 5658453-\$ or US- 5386055-\$ or US- 6054057-\$ or US- 2561396-\$ or US- 4984624-\$ or US- 5797989-\$ or US- 5133942-\$ or US- 4353717-\$).did. or (US- 5061377-\$ or US- 3531376-\$ or US- 4340447-\$ or US- 5847249-\$ or US- 5133941-\$ or US- 6096219-\$ or US- 4671351-\$ or US- 5891346-\$ or US- 5599137-\$ or US- 6082548-\$ or US- 2552517-\$ or US- 3414484-\$ or US- 3322665-\$ or US- 3675434-\$ or US- 4662995-\$ or US- 5364537-\$ or US- 5585003-\$ or US- 5882588-\$ or US-	US-PGPUB; USPAT; EPO	OR	ON	2010/12/31 14:59

		4869824-\$ or US- 4252654-\$ or US- 3853760-\$ or US- 3920547-\$ or US- 4108682-\$ or US- 4589927-\$).did. or (WO- 9705073-\$).did.				
L4	38	3 and temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/31 14:59
S1	2	SBWO	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 12:00
S2	14	(sub adj critical subcritical) adj water adj oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 12:00
S3	4	(sub adj critical subcritical) adj water adj decomposition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 12:01
S4	2	"6054057".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 12:31
S5	0	210/961.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 12:40
S6	286	210/761.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 12:40
S7	151	422/184.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 12:50
S8	17429	fractional adj distillation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:03
S9	218	fractional adj distillation and "210".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:03
S10	11802	plural\$ adj outlet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:06
S11	524	plural\$ adj outlet and "210".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:06
S12	37796	supercritical super adj critical sub adj critical subcritical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:07
S13	689078	oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:08
S14	1192342	column	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:08

S15	17	S12 and S13 and S14	EPO; JPO; DERWENT	OR	ON	2008/10/21 13:08
S16	66	210/181.ccls.	EPO; JPO; DERWENT	OR	ON	2008/10/21 13:14
S17	673	210/181.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:15
S18	8	("20020070179"   "5770174"   "6171509"   "6551517").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 13:46
S19	109	210/206.ccls. and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 14:06
S20	78	210/218.ccls. and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 14:10
S21	427	210/511.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 14:13
S22	31	210/511.ccls. and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 14:13
S23	126	201/30.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 14:18
S24	408	201/31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 14:26
S25	89	201/10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 14:58
S26	194	210/749.ccls. and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 15:09
S27	2	"20070160524".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 15:15
S28	32	210/758.ccls. and counter adj current	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 15:18
S29	150	366/134.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/21 15:25
S30	41	("3823223"   "4052265"   "4098649"   "4118282"   "4150548"   "4235676"   "4250158").PN. OR ("4740270").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/21 15:34
S31	4184	fractional adj distillation and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 15:52

S32	106	fractional adj distillation and wet adj oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 15:52
S33	6	fractional adj distillation and critical adj oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 15:59
S34	1183	fractional adj distillation adj column	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:28
S35	215	fractional adj distillation adj column and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:28
S36	1	sub adj critical adj water adj oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:41
S37	13	subcritical adj water adj oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:42
S38	874	422/139.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/22 16:52
S39	385	422/140.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 08:43
S40	671	422/242.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 08:50
S41	2349	catalytic adj cracker	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 12:27
S42	1935	catalytic adj cracker and (outlet remov\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 12:27
S43	591	208/59.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 12:28
S44	98	"210".clas. and supercritical adj water adj oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 13:15
S45	160	wet adj oxidation adj reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 13:18
S46	215	fractional adj distillation adj column and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 13:24
S47	660	"210".clas. and fluidized adj bed and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 16:19
S48	22	"210".clas. and subcritical adj water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 16:26

S49	26	210/749.ccls. and fluidized adj bed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 16:30
S50	0	"210".clas. and "375.deg. C"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 17:17
S51	0	"210".clas. and "374.deg. C"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 17:17
S52	0	"374.deg.C"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/23 17:17
S53	143	422/139.ccls. and oxidation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/24 09:26
S54	503263	210/761.ccls. and fluidized bed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/24 09:27
S55	27	210/761.ccls. and fluidized adj bed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/24 09:27
S56	2	"6054057".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/24 11:41
S57	24	(US-20070185347-\$ or US-20060260981-\$).did. or (US-4229296-\$ or US-5354482-\$ or US-5250183-\$ or US-5395517-\$ or US-5988283-\$ or US-4740270-\$ or US-5451297-\$ or US-3876383-\$ or US-4032305-\$ or US-2253486-\$ or US-2437383-\$ or US-2631089-\$ or US-3540999-\$ or US-3544448-\$ or US-3647681-\$ or US-6783660-\$ or US-6787026-\$ or US-5651897-\$ or US-5658453-\$ or US-5386055-\$ or US-6054057-\$).did. or (WO-9705073-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2008/10/24 14:46
S58	0	("20020113024").PN.	USPAT; USOCR	OR	OFF	2008/10/24 14:57
S59	0	2002/0113024.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/24 14:58

S60	2	"20020113024".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/10/24 14:58
S61	155	422/184.1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 15:38
S62	164	422/184.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 15:39
S63	920	422/145.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 15:56
S64	3	422/145.ccls. and dip adj tube	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 16:14
S65	531	422/145.ccls. and outlet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 16:17
S66	13	422/145.ccls. and outlet near3 (movable adjustable adjust slid\$ select\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 16:18
S67	0	"422.clas" and outlet near3 (movable adjustable adjust slid\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 16:20
S68	266	"422".clas. and outlet near3 (movable adjustable adjust slid\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 16:20
S69	139	reactor same outlet near3 (movable adjustable adjust slid\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/18 16:36
S70	563	422/147.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/19 09:53
S71	274	210/760.ccls. and (samp \$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/03/05 09:42
S72	590	203/28,38.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/05 11:21
S73	380	422/142.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/05 12:41

S74	41	("1404709"   "1949109"   "2134571"   "2419245"   "2797908"   "2819890"   "2899330"   "2913388"   "2931767"   "2994724"   "3355376"   "3681200"   "3847748"   "3902856"   "4008128"   "4134825"   "4411768"   "4464247"   "4478707"   "4925632"). PN. OR ("5133941"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/05 12:48
S75	718	588/312,313,320.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/05 13:02
S76	31	stelling-l\$.xa.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/05 13:35
S77	392	210/761,762.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/19 12:45
S78	244	422/231.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/19 13:18
S79	98	422/283.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/19 13:27
S80	221	423/580.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/19 13:35
S81	32	264/37.1-37.33.ccls. and fluidized adj bed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/19 14:00
S82	724	203/28,31,38.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/19 14:01
S83	724	203/28,31,38.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/19 14:01
S84	24	("4950834"   "4994098"   "5105024"   "5308592"   "5321163"   "5431888"   "5595634"   "5628880"). PN. OR ("5847249"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/19 14:14
S85	27	210/761,181,205.ccls. and fluidiz\$.clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/22 14:08
S89	5	"2002011024".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/27 13:43
S90	2	"20020113024".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/04/27 13:44

S91	705	(fluidiz\$ adj bed) and (multiple number plural\$ movabl\$) near3 (outlet)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/03 15:04
S92	43	("3819054"   "4336136"   "4519848"   "4668382"   "4795557"   "4950396"   "5045240"   "5055204"   "5115986"   "5149444"   "5158686"   "5193936"   "5217617"   "5227136"   "5230794"   "5232596"   "5242580"   "5256299"   "5262024"   "5304710"   "5368411"   "5391018"   "5392924"   "5423981"   "5454878"   "5540836"   "5599137"   "5660718"   "5720393"   "5720876"   "5829691"   "5935447"). PN. OR ("6082548"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/03 15:23
S93	5	"3540999".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/03 15:42
S94	3	"3647681".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/04 14:21
S95	350	202/153.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/04 14:46
S96	518	208/15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/04 14:59
S97	2093	422/189.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/04 15:16
S98	603	422/189.ccls. and (outlet port)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/04 15:16
S99	556	fractionat\$ and pressure adj valve	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 11:24
S100	1225	fractionat\$ and pressure adj (control adj valve valve relief adj valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 11:46
S101	814	fractionat\$ and pressure adj (control adj valve relief adj valve)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 11:46
S102	5049	fractionat\$ and (thermometer temperature adj sensor temperature adj monitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 12:35



S103	254	fractionat\$ and (thermometer temperature adj sensor temperature adj monitor) with (multiple number series plural\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 12:36
S104	5	"3830698".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 12:37
S105	785	252/181.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 13:46
S106	175	252/181.ccor.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/05/05 13:46
S107	1055	210/760.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 08:25
S108	1694	210/220.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 09:32
S109	739	210/220.ccls. and outlet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 09:32
S110	18	"3853760".pn. "390547". pn. "425654".pn. "4353717".pn. "5061377". pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 10:11
S111	3	"3853760".pn. "390547". pn. "425654".pn. "4353717".pn. "5061377". pn.	US-PGPUB; USPAT	OR	ON	2010/12/23 10:11
S112	3	"3853760".pn. "390547". pn. "425654".pn. "4353717".pn. "5061377". pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/23 10:11
S113	5	"3853760".pn. "3920547". pn. "4252654".pn. "4353717".pn. "5061377". pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/23 10:13
S114	2	"2378239".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/23 10:39
S115	92432	fluidized adj bed	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 11:32
S116	13	fluidized adj bed and waer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 11:33
S117	56896	fluidized adj bed and water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 11:33

S118	4137	fluidized adj bed and water and ("210".clas. "422".clas.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 11:33
S119	2405	fluidized adj bed and water and ("210".clas. "422".clas.) and outlet	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 11:33
S120	1252	422/139-147.ccls. and water	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/23 11:34
S121	26	("1671864"   "3754993"   "3901660"   "4009099"   "4016044"   "4016293"   "4039290"   "4084545"   "4102786"   "4269716"). PN. OR ("4589927"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/12/23 14:31
S122	1940	"210".clas. and polyacrylonitrile	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/28 18:26
S123	100	"210".clas. and polyacrylonitrile and transition adj metal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/28 18:26
S124	82	422/139-147.ccls. and solid\$ same decomp\$ and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/31 12:55
S125	35	210/761.ccls. and fluidiz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2010/12/31 13:04

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S86	27	210/761,181,205.ccls. and fluidiz\$.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/22 14:08
S87	693	422/140,145,147.ccls. and fluidiz\$.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/22 14:09
S88	64	422/140,145,147.ccls. and fluidiz\$.clm. and water.clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/22 14:09

**12/ 31/ 2010 3:28:52 PM****C:\ Documents and Settings\ Istelling\ My Documents\ EAST\ Workspaces\ 10-589331.wsp**